Page 1 of 2 Docket No .: Application No.: FORM PTO-1449 MODIFIED 2508.13US01 09/644,468 APPLICANT: INFORMATION DISCLOSUR FILING DATE: August 23, 2000 IN AN APPLICATION GROUP ART UNIT: 1641-OTHER DOCUMENTS Examiner Initials (Author, Title, Date, Pertinent Pages, etc.) P Cuevas, Role of fibroblast growth factors in neural trauma, Neurol Res 1997 19(3):254-256. AO Wilkie et al., Functions of FGFs and their receptors, Curr Biol 1995 5(5):500-7 Curr Opin Neurobiol 1994 4(1):78-86. JK DOw et al., FGF2: its structure and property, paracrine function, Tumor angiogensis etc Urology 2000, 55(6):800-806. A. Bikfalvi. . . DB Rikin, Biological; roles of FGF-2, Endocr Rev 1997, 18(1):26-45. Gimenez-Gallego G, Cuevas P, Fibroblast growth factors, proteins with a broad spectrum of biological activities. Neurol Res 1994 Aug;16(4):313-6 MR Passos-Bueno et al., Clinical spectrum of FGF receptor mutations, Hum Mutat 1999 14(2):115-125 Moffett J, Kratz E, Myers J, Stachowiak EK, Florkiewicz RZ, Stachowiak CON MK, Transcriptional regulation of fibroblast growth factor-2 expression in human astrocytes: implications for cell plasticity; Mol Biol Cell 1998 Aug;9(8):2269-85 Pincus DW, Keyoung HM, Harrison-Restelli C, Goodman RR, Fraser RA, Edgar M, Sakakibara S, Okano H, Nedergaard M, Goldman SA, Fibroblast growth factor-2/brain-derived neurotrophic factor-associated maturation of new neurons generated from adult human subependymal cells. Ann Neurol 1998 May:43(5):576 Palmer TD, Markakis EA, Willhoite AR, Safar F, Gage FH; Fibroblast growth factor-2 activates a latent neurogenic program in neural stem CON cells from diverse regions of the adult CNS. Neurosci 1999 Oct 1;19(19):8487-97 Qian X, Davis AA, Goderie SK, Temple S; FGF2 concentration regulates the generation of neurons and glia from multipotent cortical stem 20 cells. Neuron 1997 Jan;18(1):81-93 Chiang YH, Silani V, Zhou FC; Morphological differentiation of astroglial progenitor cells from EGF-responsive neurospheres in response to fetal calf serum, basic fibroblast growth factor, and retinol. Cell Transplant 1996 Mar-Apr;5(2):179-89

DATE

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

CONSIDERED

813012002

EXAMINER

SIGNATURE

FORM PTO-1449 MODIFIED

INFORMATION DISCLOSURE
IN AN APPLICATION

A

Docket No.: 2508.13US01 Page 2 of 2
Application No.:
09/644,468

APPLICANT:

FILING DATE: August 23, 2000

GROUP ART UNIT: 147

	日					
	OTHER DOCUMENTS (Author, Title, Date, Pertinent Pages, etc.) Mujtaba T, Mayer-Proschel M, Rao MS; A common neural progenitor for the CNS and PNS. Dev Biol 1998 Aug 1;200(1):1-15 Mackay-Sima A, Chuahb MI; Neurotrophic factors in the primary olfactory					
Examiner	(Author Title Date Perferent Proper ste.)					
Initials	(Author, Title, Date, Pertinent Pages, etc.)					
can	the CNS and PNS. Dev Biol 1998 Aug 1;200(1):1-15					
100	Malay Chash M. Navatashia Catasia the missaya Matasia					
VCS	· · · · · · · · · · · · · · · · · ·					
	l *					
100						
	L'					
حہ ا						
100						
	<u></u>					
CSN	I					
col						
	<u> </u>					
	<u> </u>					
	<u></u>					
CON						
CON						
1 . 1	"Survival and differentiation of adult neuronal progenitor cells transplanted to the adult					
CN						
(TO)						
MCS						
631						
(0)						
1						
Mackay-Sima A, Chuahb MI; Neurotrophic factors in the primary olfactory pathway. Prog Neurobiol 2000 Dec 1;62(5):527-559 Blanchard JM; Small GTPases, adhesion, cell cycle control and proliferation. Pathol Biol (Paris) 2000 Apr;48(3):318-27 Altschuler RA, Cho Y, Ylikoski J, Pirvola U, Magal E, Miller JM; Rescue and regrowth of sensory nerves following deafferentation by neurotrophic factors. Ann N Y Acad Sci 1999 Nov 28;884:305-11 Lois and Alvarex-Buyalla, Science, 264:1145-1148, 1994 Weiss et al., Trends in Neuroscience, 19:387-393, 1996a Weiss et al., Journal of Neuroscience, 16:7599-7609, 1996 Doetsch F, Caille I, Lim DA, Garcia-Verdugo JM, Alvarez-Buylla A. zone astrocytes ar neural stem cells in the adult mammalian brain. Cell. 1999 Jun 11;97(6):703-16. Svendsen et al., Experimental Neurology, 137:376-388, 1996 Chalmers-Redman et al., Neuroscience, 76:1121-1128, 1997; Carpenter et al., Experimental Neurology, 158:265-278, 1999; Fricker et al., Journal of Neuroscience, 19:5990-6005, 1999 Kudekov et al., Experimental Neurology, 156:333-334, 1999 Vescovi et al., Experimental Neurology, 156:333-334, 1999 Vescovi et al., Experimental Neurology, 156:371-83, 1999 "Survival and differentiation of adult neuronal progenitor cells transplanted to the adult brain" by F.H. Gage et al., Proceedings of the National Academy of Science U. S. A. 92:11879-83 (1995) "Self-repair in the brain" by A. Bjorklund and O. Lindvall, Nature 405:892-3, 895 (2000), which are hereby incorporated by reference. J.J. Mason, "The ins and outs of FGFs", Cell, 1994 78:547-552; A Baird, "FGFs: activities and significance of non-neurotrophin neurotrophic growth factors", Current Opinions in Neurobiology, 1994 4(1):78-86 CJ Robinson, "Tailoring and targeting FGFs", Trends in Biotechnology 1991, 9(5):147-148; EXAMINER: Initial if citation constitutes and significance of non-neurotrophic meurotrophic constitution is in conformance with MPEP § 609. Draw line through citation is in conformance with MPEP § 609. Draw line through cita						

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation is not in conformance and not considered. Include copy of this form with next communication to the applicant.



DATE IF PRIATE JUN 2. 0	
DATE IF PRIATE	2001
PRIATE CE JUN 2. 0	2001
PRIATE CE JUN 2. 0	2001
PRIATE CE JUN 2. 0	2001
PRIATE CE JUN 2. 0	2001
PRIATE CE JUN 2. 0	2001
JUN 2. 0	2001
	2001
	2001
	2001
	1
	1
CENTER	d reunical
	1 1000/230
	1
	1
	1
	-
	1
	-
	1
	1
	1
ATION	
	1
	†
	t
	1
	1
	1
<u></u>	1
	1
	ł
	-
	4
	1
	1
	1
	1
	4
	1
	ATION

Docket No.: 2508.11US02 APPLICANT: SALIN-NORDSTROM

Application No.: 09/644,498

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

FILING DATE: August 23, 2000 GROUP ART UNIT: 1645- 1647

		U.	S. PATENT DOC	UMENTS		= NED	
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	PENINGDATE IF DI/20/201 8 FOR? TECH CENTER 1600 29	
CSD	6,087,168	07/11/00	Levesque et al.	435	345	01/20/091 8 70.7	w
l 		<u> </u>	<u> </u>	 	 	-CHUEH 1600 159	w
						TECHOO	
		<u> </u>					
							
		 					
		 		+	ļ		
		 		-	- 	 	
	ļ	 	 	 	 		
		 	 				
		<u> </u>					
		 			+		
		 	 	 	 	 	
EXAMINE	RSIGNATUR	Œ	_ 	DATEC	ONSIDERE		

EXAMINER: Ihigal if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



INFORMATION DISCLOSURE CUTATION

Docket No.: 2508.11US02 APPLICANT: SALIN-NORDSTROM

Application No.; 09/644,498

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

FILING DATE: August 23, 2000

GROUP ART UNIT: 1645 1647

	GROUP ART UNIT
	OTHER DOCUMENTS
Examiner Initials	(Author, Title, Date, Pertinent Pages, etc.)
(2)	C. Morshead et al., Postmitotic Death is the Fate of Constitutively Proliferating Cells in the Subependylmal Layer of the Adult Mouse Brain, <i>Journal of Neuroscience</i> , 12(1):249-256, 1992.
25%	B. Reynolds et al., Generation of Neurons and Astrocytes from Isolated Cells of the Adult Mammalian Central Nervous System, Science, 255:1707-1710, 1992.
63	P. Lipton et al., Part One: Neurotrophic Factors - An Overview Promega Notes Magazine, 50:18 et seq., 1995.
58 58 59	K. Palm et al., Fetal and Adult Human CNS Stem Cells have Similar Molecular Characteristics and Developmental Potential, Molecular Brain Research, 78(1-2):192 195, 2000.
CS	T. Newman et al., Isolation of Genes which Block Neuronal Differentiation of Teratocarcinoma PCC7 Cells, Experimental Cell Research, 217(2):363-367, 1995.
w	T. Neuman, Preclinical Trials on Parkinsonism, Spinul Cord Society Newsletter, 263:3-10, 2000.
15	T. Neuman, Cell Therapy of Human Spinal Cord Injury, Spinal Cord Society Newsletter, 259:6-9, 2000.
c3	D. Stuart Ph.D., Annual Report of Research at UABSCS New Zealand Fellow, Spinal Cord Society Newsletter, 258: 9-10, 2000.
43	T. Neuman, Cell Therapy of Human Spinal Cord Injury, Spinal Cord Society Newsletter, 254:4-6, 2000.
ws	T. Neuman et al., Cell Therapy II, Spinal Cord Society Newsletter, 247:3-5, 1999.
-	
EXAMINI SIGNATU	TRE Y Muly CONSIDERED 8/30/02
examiner: not in conform	Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if nance and not considered. Include copy of this form with next communication to the applicant.

Application No.: 09/644,498

1479 MODIFIED

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

Docket No.: 2508.11US02 APPLICANT: SALIN-NORDSTROM

FILING DATE: August 23, 2000

GROUP ART UNIT: 1645 1447

EXAMINER	DOCUMENT	<u> </u>	S. PATENT DOC			FILING DATE IF
INITIAL	NO.	DATE	NAME	CLASS	SUBCLASS	APPROPRIATE
URS	4,444,760	04/24/84	Thomas Jr.	424	177	
Las	5,082,670	01/21/92	Gage et al.	424	520	
521	5,175,103	12/29/92	Lee et al.	435	172.3	
CON	5,411,883	05/02/95	Boss et al.	435	240.2	
Sign	5,439,818	08/08/95	Fiddes et al.	435	240.2	
CAN	5,514,566	05/07/96	Fiddes et al.	435	69.1	
C35V	5,589,375	12/31/96	Ullrich et al.	435	240.2	
(CS)	5,589,376	12/31/96	Anderson et al.	435	240.2	
CON	5,618,531	04/08/97	Cherksey	424	93.7	
CON	5,654,183	08/05/97	Anderson et al.	435	172.3	
CON	5,672,499	09/30/97	Anderson et al.	435	240.4	
CON	5,750,103	05/12/98	Cherksey	424	93.21	
CODS	5,753,505	05/19/98	Luskin	435	375	
CON	5,753,506	05/19/98	Johe	435	377	,
521	5,762,926	06/09/98	Gage et al.	424	93.21	
SN	5,792,900	08/11/98	Lee ct al.	800	2	
400	5,849,553	12/15/98	Anderson et al.	435	172.3	
400	5,928,947	06/27/99	Anderson et al.	435	455	
CON	5,958,767	09/28/99	Snyder et al.	435	368	
400	5,968,829	10/19/99	Carpenter	435	467	
NCS	5,980,885	11/09/99	Weiss et al.	424	93.21	
NCO	6,001,654	12/14/99	Anderson et al.	435	377	
COU	6,033,906	03/07/00	Anderson	435	325	
CON	6,040,180	03/21/00	Johe	435	377	
400	6,060,048	05/09/00	Cherksey	424	93.1	
VZV	6,071,691	06/06/00	Hockstra et al.	435	4	
Vacs	6,087,168	06/11/00	Levesque et al.	435	345	
CON	6,103,530	08/15/00	Carpenter	435	405	
4007	6,184,200 B1	02/06/01	Hu	514	12	
YAMINE	R SIGNATUR	E		DATEC	ONSIDERED	

DATE CONSIDERED

EXAMINER/Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



Page 2 of 2

FORM PTO-1449 MODIRED

Docket No.; 2508.11US02 Application No.: 09/644,498

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

APPLICANT: SALIN-NORDSTROM
FILING DATE: August 23, 2000

GROUP ART UNIT: 1647

	OTHER DOCUMENTS
Examiner	(A. J. Tarana and A. J.
Initials	(Author, Title, Date, Pertinent Pages, etc.) L. Studer, et al., Transplantation of Expanded Mesencephalic Precursors Leads to
(4)	Recovery in Parkinsonian Rats, <i>Nature Neuroscience</i> , Aug. 1998, Vol. 1, No. 4, pages
cs	290-295.
CO	Survival of expanded Dopaminergic Precursors is Critical for Clinical Trials, Nature
05%	Neuroscience, November 1998, Vol. 1, No. 7, page 537.
134	R. Barker et al., Functional Integration of Neural Grafts in Parkinson's Disease, Nature
<i></i>	Neuroscience, December 1999, Vol. 2, No. 12, pages 1047-1048.
1	P. Piccini et al., Dopamine Release from Nigral Transplants Visualized In Vivo in a
03	Parkinson's Patient, Nature Neuroscience, December 1999, Vol. 2, No. 12, pages 1137-1140.
	·
\ -	
EXAMIN	ER C. 11' O DATE COD 100
SIGNATU	
EXAMINER: not in conform	Initial if citation ephsidered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if nance and not dony dered. Include copy of this form with next communication to the applicant.

ECEIVED





AUG 01 2002

Page 1 of 1

	\$/	TECH	ICENTER 16	00/2900							
FURNOR	O-1449 MODI	FIED	· · · · · · · · · · · · · · · · · · ·		Docket No.: 2508.11US02			ication /644,49			
		AND THE OF COLUMN CAR A MICE.			APPLICANT: T. Salin-Nordstr						
INFORM	1ATION DISC		ITATION	FILING DATE: 08/23/00 GROUP ART UNIT: 1647							
	IN AN APPI	LICATION									
		TIC	. PATENT I								
EXAMINER	DOCUMENT	0.5	PATENTI	DOCOM	IEN IS		-	TI DIC I	Directe		
INITIAL	NO.	DATE	NAME	Ì	CLASS	SUBCLA			DATE IF PRIATE		
CON	5,750,376	05/12/98	Weiss et al	. 4	135	69.52					
CON	5,851,832	12/22/98	Weiss et al	i. 4	135	368					
CON	5,981,165	11/09/99	Weiss et al	. 4	435	4					
600	6,071,889	06/06/00	Weiss et al	i. :	514	44					
			•								
								,			
				I							
		FORE	IGN PATEN	T DOC	UMENTS			-			
EXAMINE R INITIAL	DOCUMENT NO.	DATE	COUNTR	Y	CLASS	SUBCLA	TRANSLA CLASS YES		LATION NO		
رى	WO 93/01275	01/21/93	PCT								
		ļ									
·	L										
											
						 					
<u> </u>	OTHER DOC	LIMENITE 4	naludina Aud	har Ti	la Deta P	1					
	OTHER DOC	OMENTS (II	nctuaing Au	nor, 11	ie, Date, Po	ertinent Pa	ages, etc	c.)			
	-										
		An.									
9											
		 									
EVANDO	ED CICNATION	T.			D. 65	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\					
EXAMIN	ER SIGNATUR	E L			DATE CO						
EXAMINE EXAMINER:	(sellen	E Sansidered, whether	Or not citation is	s in confe	81:	30/2007	2	through	citation if		



KID

Page 1 of 1

INFODM	ATION DISC	FIED LOSURE C	TTATION	2508. APPLICANT	ocket No.: Application No.: 08.11US02 09/644,498 TT: T. Salin-Nordstrom			No.: 18	
INFORM	IN AN APPI		ITATION	FILING DATE: 08/23/00 GROUP ART UNIT: 1647					
		U.S	S. PATENT I	OCUMEN	TS				
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME			BCLASS	FILING DATE IF APPROPRIATE		
CON	6,497,872	12/24/02	Weiss et al	. 424	93.1				
				· · · ·				<u> </u>	
								750	
							ECH CEN,		
							750	8,	
			<u> </u>				CHO	~ 6 ₂₀	
							2///	Ex.	
								1600/2	
	-							~~	
									
EN ANDER	BOOLB WOLD	FORE	IGN PATEN	T DOCUM	ENTS		TDANG	LATION	
EXAMINE R INITIAL	DOCUMENT NO.	DATE	COUNTR	Y CI	ASS SUE	BCLASS	YES	LATION NO	
								-)(-	
								1	
							· · · · · ·		
	OTHER DOO	UMENTS (i	including Au	thor, Title, I	Date, Pertine	nt Pages	s, etc.)	1	
							· · · · · · · · · · · · · · · · · · ·		
					·				
									
				I D	TE CONTO	DEDED			
EXAMINI	er signatui	呼 <i>,</i> ,,		DF	TE CONST	DEKED			

FORM PTO-1449 MODIFIED

Application No.: 09/644,498

Docket No.: 2508.11US02 APPLICANT: T. Salin-Nordstrom

		/00 1647	LICANT: T. Salir NG DATE: 08/23 DUP ART UNIT: IFIRMATION NO	INFORMATION DISCLOSURE STATION IN AN APPLICATION					
			UMENTS	. PATENT D	U.S		_		
	FILING DATE IF APPROPRIATE	SUBCLASS	CLASS	NAME	DATE	DOCUMENT NO.	EXAMINER INITIAL		
\dashv					,				
NEC	RECEI	*							
	MAY 2 7								
	TECH CENTER								
	1201100112								
			OCUMENTS	 GN PATEN	FORE		· · · · · · · · · · · · · · · · · · ·		
	TRANSLATION YES NO	SUBCLASS	CLASS	COUNTR	DATE	DOCUMENT NO.	EXAMINE R INITIAL		
				PCT	02/21/02	WO 02/14479	C3N		
				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
	s, etc.)	ertinent Pages	Title, Date, Po	ncluding Aut	UMENTS (i	OTHER DOC			
	<u> </u>						,		
							2		
		ONSIDERED 2/03	DATE CO	·	Les 9	ER SIGNATUR	EXAMINI		

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.